

ABSTRACT

A system and method for providing trusted browser verification service are disclosed. In a preferred embodiment, these services are provided within the context of a four-corner trust model comprising a subscribing customer and a relying customer, engaged in an on-line transaction. The subscribing and relying customers are preferably customers of first and second financial institutions, respectively, that issue to them hardware tokens for their respective private keys and digital certificates. The buyer is preferably provided with a Web browser to conduct electronic transactions. A distinct-trusted verifier or other entity ensures in a verifiable manner that the browser used by the subscribing customer does not contain any code that is not trusted by verifying the digital signatures on each running browser component of the subscribing customer's browser and ensuring that the signature was applied by an entity that is authorized to certify the trustworthiness of the component. In addition, the trusted verifier may compare a hash of the running browser components to known-good hashes for those components.

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